

Amendments to the Claims:

Please replace all prior claims versions and listings with the following:

Listing of Claims:

1. **(canceled)**
2. **(canceled)**
3. **(previously presented)** A high porosity ceramic honeycomb substrate, comprising: a ceramic body having an inlet end, an outlet end, a multiplicity of cells with walls having a thickness in the range of 2.5 mil (0.0025 in., 0.0635 mm) to 3 mil (0.0030 in., 0.0762 mm), the honeycomb having a total porosity in the range of 45 to 75%, a median pore size in the range of 2-10 micrometers, and a coefficient of thermal expansion (CTE)(25-800°C) of less than $15 \times 10^{-7}/^{\circ}\text{C}$.
4. **(canceled)**
5. **(canceled)**
6. **(canceled)**
7. **(canceled)**
8. **(canceled)**
9. **(canceled)**
10. **(canceled)**
11. **(canceled)**
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22. **(canceled)**

- 23. **(canceled)**
- 24. **(canceled)**
- 25. **(canceled)**
- 26. **(canceled)**
- 27. **(canceled)**
- 28. **(canceled)**
- 29. **(canceled)**
- 30. **(canceled)**
- 31. **(canceled)**
- 32. **(previously presented)** The honeycomb of claim 3, wherein the porosity is in the range of 50 to 65%.
- 33. **(previously presented)** The honeycomb of claim 3, wherein the median pore diameter is in the range of 2 to 4 micrometers.
- 34. **(previously presented)** The honeycomb of claim 3, wherein the CTE (25-800°C) is less than $10 \times 10^{-7}/^{\circ}\text{C}$.
- 35. **(previously presented)** The honeycomb of claim 3, wherein the modulus of rupture (MOR) strength of at least 200 psi.
- 36. **(canceled)**